

Title (en)

SEAT ADJUSTMENT SYSTEM FOR A SEAT OF A MOTOR VEHICLE, AND MOTOR VEHICLE

Title (de)

SITZVERSTELLUNGSEINRICHTUNG FÜR EINEN SITZ EINES KRAFTFAHRZEUGS UND KRAFTFAHRZEUG

Title (fr)

DISPOSITIF DE RÉGLAGE DE SIÈGE CONÇU POUR UN SIÈGE DE VÉHICULE AUTOMOBILE ET VÉHICULE AUTOMOBILE

Publication

EP 3649010 B1 20210519 (DE)

Application

EP 18731445 A 20180614

Priority

- DE 102017006241 A 20170701
- EP 2018065815 W 20180614

Abstract (en)

[origin: WO2019007658A1] The invention relates to a seat adjustment system (3) for a seat (2) of a motor vehicle (1), said system having at least one motor (9, 10) that drives the adjustment and at least one operating element (11), which can be actuated by an operator, for at least one adjustment function, the actuation of which element closes a switch (15) that is provided to supply current, in a line of the motor (9, 10) assigned to the adjustment function. A relay (16) that is normally open when demagnetized is provided in the line downstream of the switch (15) and upstream of the motor (9, 10), and the seat adjustment system (3) has a control unit (17) designed to close the relay (16) upon actuation of the operating element in the absence of a collision signal indicating a collision of the vehicle (1), and upon actuation of the operating element in the presence of the collision signal, to leave the relay (16) open, at least temporarily.

IPC 8 full level

B60N 2/02 (2006.01); **B60N 2/06** (2006.01); **B60N 2/22** (2006.01); **B60N 2/42** (2006.01); **B60N 2/433** (2006.01)

CPC (source: EP KR US)

B60N 2/02 (2013.01 - EP); **B60N 2/02246** (2023.08 - EP KR US); **B60N 2/0228** (2013.01 - EP KR); **B60N 2/0276** (2013.01 - EP KR US);
B60N 2/06 (2013.01 - EP KR); **B60N 2/20** (2013.01 - US); **B60N 2/22** (2013.01 - EP KR); **B60N 2/42** (2013.01 - EP); **B60N 2/43** (2013.01 - EP);
B60N 2/433 (2013.01 - EP KR); **B60N 2210/46** (2023.08 - EP KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102017006241 A1 20190103; CN 110831807 A 20200221; CN 110831807 B 20220503; EP 3649010 A1 20200513;
EP 3649010 B1 20210519; JP 2020525339 A 20200827; JP 6956208 B2 20211102; KR 102312791 B1 20211015; KR 20200024254 A 20200306;
US 11433784 B2 20220906; US 2020122608 A1 20200423; WO 2019007658 A1 20190110

DOCDB simple family (application)

DE 102017006241 A 20170701; CN 201880044179 A 20180614; EP 18731445 A 20180614; EP 2018065815 W 20180614;
JP 2019571519 A 20180614; KR 20207002581 A 20180614; US 201816627838 A 20180614